

Appendix A

Resumes of Environmental Professionals

Janis S. Kesy, P.G.

*Hydrogeologist
Technical Director*

Representative Project Experience

Ms. Kesy's environmental due diligence experience qualifies for the definition of Environmental Professional as presented at 40 CFR 312.10. Ms. Kesy is a Hydrogeologist with more than 25 years of experience. She has performed dozens of Phase I and Phase II site assessments.

Relevant Experience:

- ♦ **Environmental Assessment.** Project manager for a Tier I environmental assessment for the USPS. The project evaluated various technologies considered by the Federal government for the sanitization of the U.S. Mail as a result of the bioterrorism threat. Responsibilities included coordinating staff, collection of technical information, and evaluate client communications, report and legal notice preparation.
- ♦ **Environmental Assessment.** Project manager for a Tier II environmental assessment for the USPS. The project evaluated site proposed for the construction of mail sanitization facility in Washington, D.C. Responsibilities included coordination of staff, collection of technical information, report, client and public meetings and legal notice preparation.
- ♦ **Phase I and II Environmental Site Assessment.** Project manager and principal investigator for closure of a large paper manufacturing facility in northern Wisconsin. Coordinated subcontractors and field staff in investigation of the facility. The assessment included boring investigation, soil testing data review, historical searches, and report preparation.
- ♦ **Phase I Environmental Site Assessments.** Project manager for eleven (11) Phase I ESAs for a large food company. The ESAs were conducted at facilities in the Midwest and western United States and were successfully completed within a significantly short duration (three weeks).
- ♦ **Phase I and II Environmental Assessment (ESA).** Project manager for a Phase I and II ESA for a large food company. Responsibilities included coordinating subcontractors and technical and field staff. ESA included a geophysical survey of 10 acres, groundwater monitoring, well installation, test pit investigation, soil, groundwater sampling, data evaluation, and report preparation.
- ♦ **Phase I and II Hazardous Material Assessment (HMA).** Project coordinator for numerous Phase I and Phase II HMAs for WisDOT. The assessments were conducted in accordance with WisDOT Facilities Development Manual (FDM) Procedure 21-35-3 and 21-35-10:
 - ▶ **STH 23, Sauk County, WI - STH 33 to Lake Delton.** Phase I of road right-of-way approximately 7-mile section of STH 23 in the towns of Excelsior, Dellona and Delton. Phase I identified one site having the potential of impacting the road right-of-way. A Phase II investigation of the site is pending.
 - ▶ **Rock County, WI**

Janis S. Kesy, P.G.

Page 2

- ♦ Town Of Magnolia - Marsh Road Bridge and Approaches. Phase I HMA screening conducted on the area immediately adjacent to the bridge and its approaches. No potential environmental concerns were identified.
- ♦ Town Of Evansville - Old 92 Road Bridge and Approaches. Phase I HMA screening conducted on the area immediately adjacent to the bridge and its approaches. No potential environmental concerns were identified.
- ♦ City Of Edgerton - Stoughton Road Bridge and Approaches. Also known as Saunders Creek Bridge. Phase I HMA screening conducted on the area immediately adjacent to the bridge and its approaches. No potential environmental concerns were identified.
- ▶ **CTH H - Adams County, WI - Duck Creek Bridge and Approaches.** Phase I HMA screening conducted on the area immediately adjacent to the bridge and its approaches. No potential environmental concerns were identified.
- ▶ **Watertown Bypass, Dodge County, WI - STH 16 and CTH R Intersection.** Phase I HMA of the road right-of-way of the intersection. No environmental concerns were noted.
- ▶ **Buckeye Road, City of Madison - Stoughton Road to Droster Road.** Conducted a Phase I HMA of a 1.2-mile section of Buckeye Road to evaluate the potential for hazardous materials in the road right-of-way. The Phase I identified five (5) properties as potential environmental risks. Phase II Environmental Sampling was conducted along the road right-of-way of these properties.
- ▶ **STH 78, Village of Mt. Horeb.** Conducted Phase I of a 1/06-miles stretch of STH 78. The Phase I identified two (2) sites as potential risk for hazardous materials. Phase II Environmental Sampling was conducted along the road right-of-way.
- ▶ **Main Avenue, Village of Ashwaubenon - USH 41 to S. Ridge Road.** Phase I HMA along ½ mile section of Main Avenue including the bridge over Ashwaubenon Creek. No area of environmental concern were identified.
- ♦ **Investigation of Gasoline-Contaminated Groundwater.** Project manager and hydrogeologist for investigation of petroleum contamination at numerous former gasoline stations. Prepared the investigations health and safety plans and wrote remedial investigation reports.
- ♦ **Effect of Wastewater Lagoons on Groundwater.** Technical coordinator for the investigation of the effects of wastewater lagoons on groundwater, surface water and wetlands at six food processing facilities. Planned and directed the hydrogeologic investigation and performed technical review of the investigation results. Project involved phased hydrogeologic investigation and groundwater modeling.
- ♦ **Phase I and II Environmental Site Coordinator.** Responsible for coordination and review of all Phase I and II ESA's within Foth & Van Dyke. This includes CBA development and implementation, member training, and review of reports prepared.

- ♦ **Health and Safety Coordinator.** Responsible for management of the Infrastructure and Environmental business unit's health and safety program at Foth & Van Dyke. This includes policy development and deployment, member training, and coordination of medical monitoring activities. One of four members of the corporate health and safety committee.

Education

M.S., Geology, University of Wisconsin-Milwaukee, 1983

B.S., Broadfield Science, University of Wisconsin-Whitewater, 1978

Professional Registration

Professional Geologist - Illinois, Minnesota, Wisconsin, Indiana

Certifications

Certified Professional Geologist - National

40-Hour Hazardous Materials Handling Training

Radiation Safety Officer Certification

Troxler Nuclear Gauge Operator Certification

Memberships

American Institute of Professional Geologists (Wisconsin Section: President, 1994; President-Elect, 1993; Secretary, 1992)

American Water Resources Association - Wisconsin Section

Association of Groundwater Scientists and Engineers

Wisconsin Groundwater Association - Secretary 2003-2006

Curtis E. Dungey

Lead Environmental Compliance Specialist

Introduction

Curtis Dungey is a Lead Environmental Compliance Specialist and Project Manager. Mr. Dungey concentrates on environmental compliance services including preparation of air permit applications and reports, program development, interfacing with governmental agencies and other compliance areas. He has also performed numerous environmental compliance audits and has been involved in the development and implementation of environmental management systems. In addition, he has provided compliance assistance, including expertise in interpreting regulatory requirements. Mr. Dungey has also been involved in the development of written procedures to implement compliance programs at large industrial facilities. He has also been involved in managing environmental investigations and remedial actions at mining and metals processing sites, including managing contractors and coordinating public relations with the city and community. In addition, he has extensive experience in industrial hygiene matters and has developed and conducted various training programs for employees. Previously, Mr. Dungey worked for a mining, metals, aggregates and specialty chemicals company, focusing on environmental compliance matters and program development throughout the company. Programs have included Air Quality, Hazardous Waste, Process Water Discharge, Storm Water Pollution Prevention, and Environmental Management. He received his Bachelor of Science degree in environmental health at the University of Washington in Seattle, Washington.

Relevant Experience

- ♦ **Environmental Auditing.** Scheduled, led and participated in over 150 hours of auditing, including evaluations of environmental compliance, environmental management systems and health and safety. Environmental programs included air quality, wastewater discharge, storm water, hazardous waste, Emergency Planning and Right-to-Know, Spill Prevention and Releases, Toxic Substances Control Act, Safe Drinking Water Act and Underground Storage Tanks. Developed policies, procedures and protocols to ensure audits were performed in a consistent manner. Prepared and distributed audit reports and conducted appropriate follow-up and corrective action on findings.
- ♦ **Compliance Assistance and Interpretation.** To assist facilities with ongoing compliance, have evaluated regulatory initiatives, investigated impacts of regulatory proposals on facilities and prepared written comments on behalf of the company on such proposals. Provided assistance to operating facilities in the interpretation of existing environmental regulations, including air quality requirements.
- ♦ **Environmental Management Systems.** Developed programs and procedures to implement an environmental management system that conforms to the ISO 14001 standard at several facilities throughout a metals and mining company to improve compliance. Assisted facilities in evaluation of environmental impacts that need to be included in each facility's objectives and targets. Developed metrics to measure progress in reducing environmental impacts.
- ♦ **Construction Management and Project Manager at Federal Superfund Site.** Managed environmental studies and remediation at a federal Superfund site, formerly a primary nonferrous metals processing facility in Washington State. While based at the facility location, was directly responsible for managing consultants involved in performing environmental investigations at the site in accordance with a Consent Decree negotiated with the U.S. Environmental Protection Agency (USEPA). Investigations included characterization of soil, surface water, groundwater

Curtis E. Dungey

Page 2

and hydrogeology at the site. Another aspect of the project was conducting limited remediation as part of interim measures under the Consent Decree. This included demolition of certain building structures, asbestos removal and vacuuming and dust removal. As chief contact at the site, was responsible for contract management, including managing budgets and oversight of activities for contractors involved in performing this work. Was also responsible for interacting with the public and municipalities to foster communication regarding activities at the site.

- ♦ **Remediation of State-Led Site in Ohio.** Managed environmental studies and development of remedial action plan under the Voluntary Action Program in Ohio for a former zinc oxide processing facility. Activities included further characterization of soils, surface water and groundwater on and off site and development of plan to clean up site in accordance with state cleanup criteria. During this time, managed and reviewed work of consultant to characterize remaining contamination on site. Also worked with contractor to develop passive surface water treatment system such that surface water discharged from the site met requirements of state water discharge permit.
- ♦ **Project Management during RCRA Facility Investigation.** Assisted permitted hazardous waste storage facility in Texas conduct a Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) in accordance with its RCRA permit. This included selection of an outside consultant and management and review of consultant work pursuant to the established budget during completion of this activity. Work included completion of various hydrogeological investigations to characterize former Solid Waste Management Units (SWMUs) at the site to assist in development of a closure plan for identified SWMUs. During development of the RFI report, additional activities included coordinating meetings and negotiations with the state regulatory agency.
- ♦ **Environmental Compliance Oversight Coordinator for Mining Operations.** While based at corporate office in Salt Lake City for a metals and mining company, was responsible for reviewing and coordinating programs to ensure compliance at 28 operating facilities located throughout the U.S. Duties included performing independent reviews of compliance activities, periodic site visits and submitting reports to local and upper management. Operations included underground lead and zinc mines, primary lead smelting and refining operations and limestone aggregate quarries. Provided leadership to reduce incidents of non-compliance at each of the facilities and assisted in the development and implementation of programs to improve compliance at these same facilities. Also assisted facilities with technical issues such as applying for and maintaining site environmental permits, reviewing capital projects for regulatory compliance and developing and implementing programs for environmental compliance.
- ♦ **Air Permit Application Development.** Completed air permit applications for a number of different types of facilities, including furniture manufacture, surface coating operations, food processing, chemical manufacture and mining and metals processing. Permit types have ranged from standard construction and minor source operating permits to synthetic minor and Title V permits. Activities included preparing permit application forms and supporting documents, gathering information on control equipment, performing emission calculations and conducting air dispersion modeling, if required. During preparation of each permit application, the main objective has been to propose permit limits and requirements that will allow the facility the most flexibility, but still meet regulatory agency standards. In pursuit of this objective, all permit documents and correspondence were developed to provide clear and accurate documentation to

ensure all regulatory requirements have been met, including the applicability of New Source Performance Standards, New Source Review and Maximum Achievable Control Technology requirements. For Title V permits, this has also included development of Compliance Assurance Monitoring (CAM) plans to ensure compliance with this requirement. Follow-up issues have included interactions with regulatory agencies, including informal discussions, preparation of written correspondence and reviewing and commenting on draft permits.

- ♦ **Air Emission Calculations and Reporting.** Have assisted numerous facilities conduct annual emission inventories and prepare reports as required to regulatory agencies. These tasks have included gathering necessary operating information from facilities and vendors, performing emission calculations and preparing reports for state agencies as needed. Have also assisted in reviewing capital projects at operations to ensure changes are either completed within constraints of the operating permit or necessary revisions are negotiated with the regulatory agency.
- ♦ **Air Toxics Evaluations.** Have performed several air toxics evaluations at different types of facilities, including furniture manufacture, printing, chemicals, paper products and hospitals. Scope has included conducting an inventory of activities, review of chemicals, performing calculations and comparing results against state requirements. Completed reports and made recommendations. Also have performed air toxic evaluations in conjunction with air permit applications to ensure the facility was in compliance with federal and state standards.
- ♦ **Air Dispersion Modeling.** Have set up and run air dispersion models in conjunction with several air permit applications. Activities have included gathering information on operations and emissions at the facility, developing emission calculations, developing a map of the facility using modeling software, incorporating terrain and performing the actual model run. Have performed air dispersion models for all criteria pollutants as well as several air toxics. Types of facilities have included mining, printing, surface coating, chemicals and dairy farms. Have run air models using standard EPA programs, including ISCST3, AERMOD and Screen 3.
- ♦ **Risk Management Plans.** Have developed Risk Management Plans for affected facilities and prepared supporting documentation as part of 5-year follow-up requirements under the Clean Air Act.
- ♦ **Ambient Air Monitoring.** Prepared a Quality Assurance/Quality Control Plan for ambient air monitoring for PM₁₀ at a landfill facility. Contained within the Plan were methodologies for sample collection, handling and analysis, as well as monitoring, data reporting and evaluation procedures. Other elements of the Plan included specific equipment calibration and preventative maintenance procedures.
- ♦ **Procedure Development.** Developed detailed standard operating procedures to implement environmental programs at several large industrial facilities, including mining and metal smelting and refining complexes. Each procedure focused on providing a step by step process to complete required tasks to achieve permit or regulatory requirements. Also developed environmental compliance manuals for 12 furniture and chair manufacturing facilities throughout the United States. Each manual detailed environmental requirements at each facility and steps the facility needed to take to maintain compliance.

- ♦ **Technical and Environmental Program Management Support.** During two year assignment, provided technical expertise in all environmental and occupational health matters, including air, water and hazardous waste compliance for a metals and mining company while based at corporate headquarters in New York City. Developed system to track changes in environmental and occupational health regulations and provided periodic briefings that helped to increase understanding of environmental and occupational health obligations by corporate executives. During this time, also assisted operating facilities in eastern region increase environmental compliance by conducting periodic visits to operations and assisting with technical matters. Facilities included operations in New Jersey and Connecticut. As part of this latter activity, became knowledgeable of local and state requirements in affected states.
- ♦ **Hazardous Waste Program Development.** Worked with large quantity generators of hazardous waste and permitted storage facilities to ensure programs met regulatory requirements. Assisted in development of personnel training programs, completion of annual reports, and review of secondary materials recycling to ensure proper storage and management, preparation of contingency plans and waste analysis plans, development of written procedures to ensure proper inspections of permitted storage areas and evaluation of containment building storage areas to ensure compliance. Also assisted permitted storage facility in performing certain investigations related to its Corrective Action Plan.
- ♦ **Chemical Inventory And Release Reporting.** Provided guidance and prepared toxic chemical release reports under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) for various types of operations. Also assisted these same facilities complete annual chemical inventory reports under Section 311/312 of EPCRA. On a case-by-case basis, evaluated details regarding spill or release events to determine applicability of release notification requirements under federal and state laws.
- ♦ **Process Water Discharge Program.** Prepared water discharge permit applications for different types of operations, including limestone aggregate quarries, mining and metals processing, food manufacture and chemicals processing. Reviewed draft permit terms and requirements and provided written comments to the applicable state regulatory agency. Reviewed facility programs to assist personnel in meeting sampling, analysis and permit requirements. Also prepared and reviewed several Spill Prevention Control and Countermeasure Plans (SPCC) for different facilities to address potential oil spills into waters of the U.S.
- ♦ **Storm Water Pollution Prevention Program.** Have prepared storm water permit applications for general coverage and prepared Storm Water Pollution Prevention Plans (SWPPP) for several types of facilities to meet federal and state storm water requirements. Facilities have included those involved in mining and metals, chemical processing and development of food and dairy products. Assisted industrial facilities in the identification of potential contaminant sources and development of best management practices. Conducted quarterly visual and annual compliance inspections.
- ♦ **Environmental Training.** Prepared and provided training to facility staff and hourly employees in such areas as air quality, environmental awareness, hazardous waste, storm water, wastewater sampling techniques and PCB's.
- ♦ **Expert Testimony.** During depositions, provided testimony as company expert related to ongoing litigation on environmental matters.

Curtis E. Dungey

Page 5

Education

B.S., Environmental Health, University of Washington, Seattle, Washington, 1973

Additional Education/Training

New Source Review Training Course – Air and Waste Management Association.

Air Dispersion Modeling Computer Laboratory for AERMOD and ISCST Modeling Programs

ISO 14001 Lead Auditor Training Course

Certifications

Certified Hazardous Materials Manager, Master Level, 2004.

Certified Industrial Hygienist, American Board of Industrial Hygiene, 1988.

Certified Storm Water Pollution Prevention Manager, Wisconsin Department of Natural Resources

Publications/Presentations

"Copper." *In Plant Processes for Job Related Health Hazards Control Vol. I, Productions Processes.*

John Wiley & Sons, Inc., 1989. Detailed description of processes and recommended employee exposure controls for the copper industry.

Memberships

Federation of Environmental Technologists

Air and Waste Management Association. Past Chair of the Great Basin Chapter for the Association in the Salt Lake City area (1999-2000).

Previous Employment

Years of previous experience: 27